

BRUHAT BANGALORE MAHANAGARA PALIKE

PACKAGE-5

NAME OF WORK:-Package-5, includes 4 works of Rs.170 Lakhs 1)Reasphalting to main and cross roads at B,Cand D Blocks of Sahakaranagara in ward no 8 Kodigehalli 2)Improvements to Roads and Drains at Devinagar and Lotttegollahalli in Ward No 08 Kodigehalli 3)Improvements to roads and drains at Balaji layout and Surroundings in ward no 08 Kodigehalli 4)Providing and Laying new Road at Sonnagowda Layout and Surroundings in ward no 08Kodigehalli

Agency:M/s KBR Infratech Limited, #01, 1st Floor, 8th Main, RMV Extn IInd Stage, Tatanagara, Bangalore -560094

Measurements Taken On :

ABSTRACT - 2nd and Final Bill

BOQ						
Item No	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No. 1	Removing and resetting of footpath slab and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Sqm	74.85			
	Modified Tender Qty	Sqm	74.85			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	74.85			
	Present Bill Quantity	Sqm	Nil			
Item No. 2	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification and as per specifications and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Cum	1990.61			
	Modified Tender Qty	Cum	1990.61			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	1990.61			
	Present Bill Quantity	Cum	Nil			
Item No. 3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. and as per specifications and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Cum	57.47			
	Modified Tender Qty	Cum	57.47			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	57.47			
	Present Bill Quantity	Cum	Nil			
Item No. 4	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per specifications and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Cum	146.09			
	Modified Tender Qty	Cum	146.09			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	146.09			
	Present Bill Quantity	Cum	Nil			

Contractor



Assistant Engineer



Assistant Executive Engineer
Kodigehalli Sub Division,
B.B.M.P.

Measurements Taken On :						
ABSTRACT - 2nd and Final Bill						
BOQ	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No						
Item No. 5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Sqm	1482.88			
	Modified Tender Qty	Sqm	1482.88			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	1482.88			
	Present Bill Quantity	Sqm	Nil			
Item No. 6	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams.					
	Total Executed Qty	Cum	194.91			
	Modified Tender Qty	Cum	194.91			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	194.91			
	Present Bill Quantity	Cum	Nil			
Item No.7	Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications, and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Tonne	9.82			
	Modified Tender Qty	Tonne	9.82			
	DPQ Paid in 1st Bill No.One Pg. No.	Tonne	9.82			
	Present Bill Quantity	Tonne	Nil			



Contractor



PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Bangalore Zone, B.B.M.P.

Measurements Taken On :

ABSTRACT - 2nd and Final Bill

BOQ				Approved		
Item No	Description	Unit	Quantity	Tender Rates	Amount	Remarks
Item No.8	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregates , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rakers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Cum	41.60			
	Modified Tender Qty	Cum	41.60			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	41.60			
	Present Bill Quantity	Cum	Nil			
Item No.9	Vaccum de-watering with vacuum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Sqm	346.66			
	Modified Tender Qty	Sqm	346.66			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	346.66			
	Present Bill Quantity	Sqm	Nil			
Item No.10	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Sqm	2655.38			
	Modified Tender Qty	Sqm	2655.38			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	2655.38			
	Present Bill Quantity	Sqm	Nil			
Item No.11	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., Complete. 7.5cms thick and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Sqm	1693.31			
	Modified Tender Qty	Sqm	1693.31			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	1693.31			
	Present Bill Quantity	Sqm	Nil			



Contractor



PMC

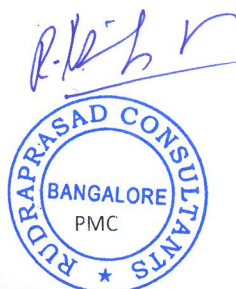
Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

Measurements Taken On :						
ABSTRACT - 2nd and Final Bill						
BOQ	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No						
Item No.12	Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Cum	17.28			
	Modified Tender Qty	Cum	17.28			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	17.28			
	Present Bill Quantity	Cum	Nil			
Item No.13	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	sqm	28.80			
	Modified Tender Qty	sqm	28.80			
	DPQ Paid in 1st Bill No.One Pg. No.	sqm	28.80			
	Present Bill Quantity	sqm	Nil			
Item No.14	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Cum	2.16			
	Modified Tender Qty	Cum	2.16			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	2.16			
	Present Bill Quantity	Cum	Nil			
Item No. 15	Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Cum	732.45			
	Modified Tender Qty	Cum	732.45			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	732.45			
	Present Bill Quantity	Cum	Nil			



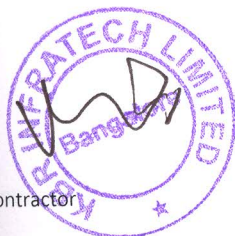
Contractor



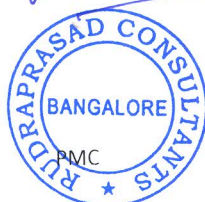
Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,

Measurements Taken On :						
ABSTRACT - 2nd and Final Bill						
BOQ	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No						
Item No. 16	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Cum	732.45			
	Modified Tender Qty	Cum	732.45			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	732.45			
	Present Bill Quantity	Cum	Nil			
Item No. 17	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kgl/sqm using mechanical means complete as per specifications and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Sqm	3184.55			
	Modified Tender Qty	Sqm	3184.55			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	3184.55			
	Present Bill Quantity	Sqm	Nil			
Item No.18	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Sqm	11331.07			
	Modified Tender Qty	Sqm	11331.07			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	11331.07			
	Present Bill Quantity	Sqm	Nil			
Item No.19	Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Sqm	17419.05			
	Modified Tender Qty	Sqm	17419.05			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	17419.05			
	Present Bill Quantity	Sqm	Nil			



Contractor



PMC

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Salt Division,
Malahanka Zone, B.B.M.P.,
Bangalore.

Measurements Taken On : 30-07-2019.

ABSTRACT - 2nd and Final Bill

BOQ	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No						
Item No.20	Providing and laying dense bituminous macadam 50-75mm compacted thickness with 4.5% VG-30 Bitumen using 40/60 TPH capacity H.M.P, using crushed aggregates of grading II, premixed with VG 30 grade bituminous binder and transporting the hot mix to work site, laying with mechanical paver to the required grade level and alignment rolling with smooth wheeled, vibratory and tandem rollers to achieve the					
	Total Executed Qty	Cum	250.76			
	Modified Tender Qty	Cum	250.76			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	250.76			
	Present Bill Quantity	Cum	Nil			
Item No.21	Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Cum	638.60			
	Modified Tender Qty	Cum	638.60			
	DPQ Paid in 1st Bill No.One Pg. No.	Cum	638.60			
	Present Bill Quantity	Cum	Nil			
Item No.22	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Sqm	664.22			
	Modified Tender Qty	Sqm	664.22			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	664.22			
	Present Bill Quantity	Sqm	Nil			
Item no. 23	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., Complete. 10cms thick and as per the direction of Engineer in charge of the work.					
	Total Executed Qty	Sqm	260.88			
	Modified Tender Qty	Sqm	260.88			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	260.88			
	Present Bill Quantity	Sqm	Nil			



Contractor



PMC

Assistant Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Kodigehalli Zone, B.B.M.P.,

Measurements Taken On : 30.07.2019

ABSTRACT - 2nd and Final Bill

BOQ	Description	Unit	Quantity	Approved Tender Rates	Amount	Remarks
Item No						
E1	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)					
	Total Executed Qty	Sqm	489.08			
	Modified Tender Qty	Sqm	489.75			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	-			
	Present Bill Quantity	Sqm	489.08	1834.00	896963.55	
E2	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)					
	Total Executed Qty	Sqm	66.36			
	Modified Tender Qty	Sqm	66.42			
	DPQ Paid in 1st Bill No.One Pg. No.	Sqm	-			
	Present Bill Quantity	Sqm	66.36	5111.00	339165.96	
TOTAL AMOUNT					1236129.51	

Contractor



Assistant Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
B.B.M.P.,